

**Figure 1**

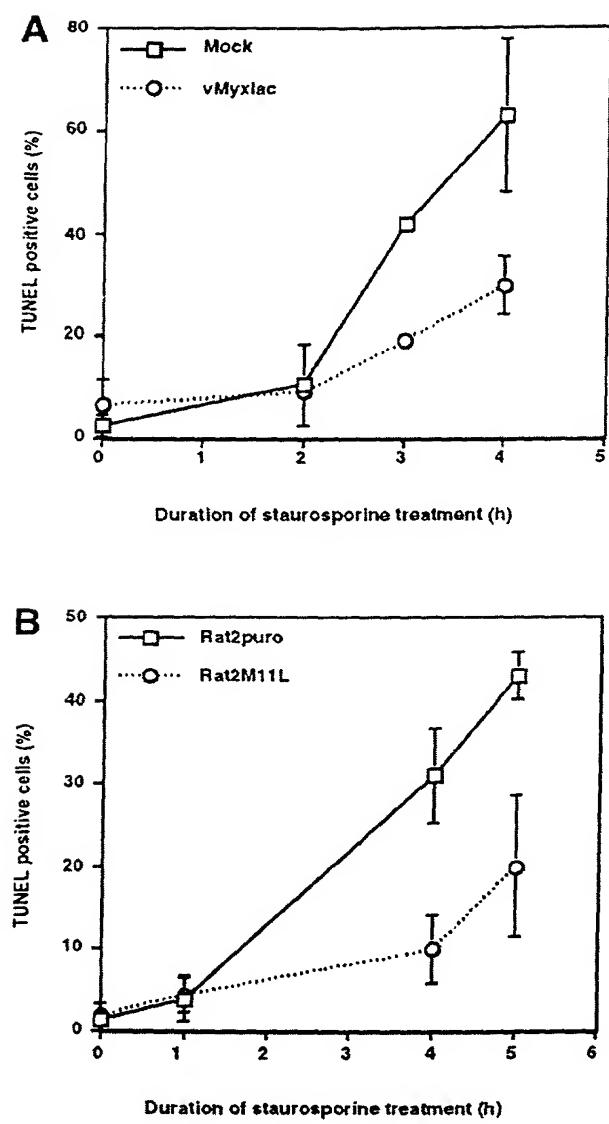


Figure 1 (con't)

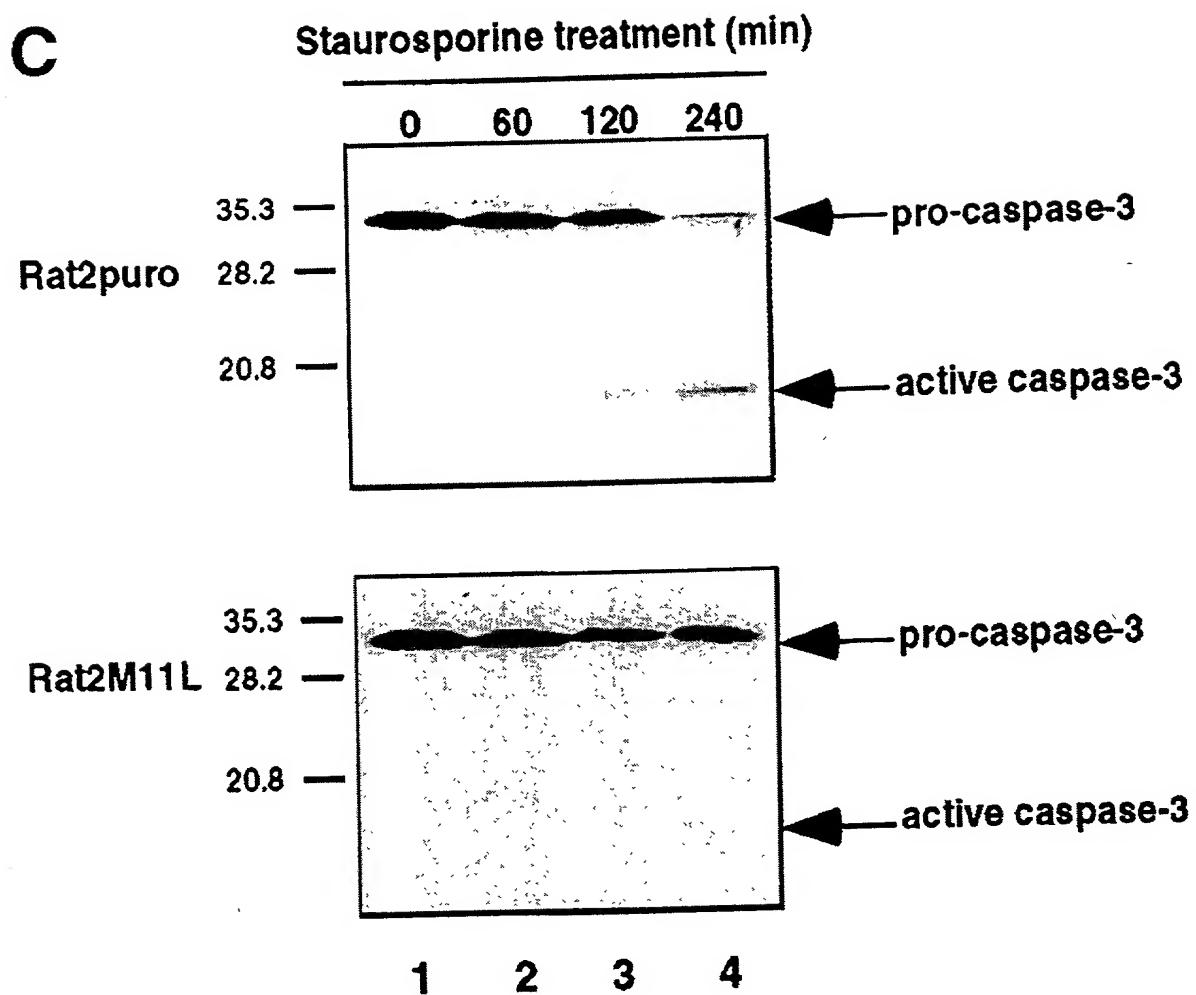
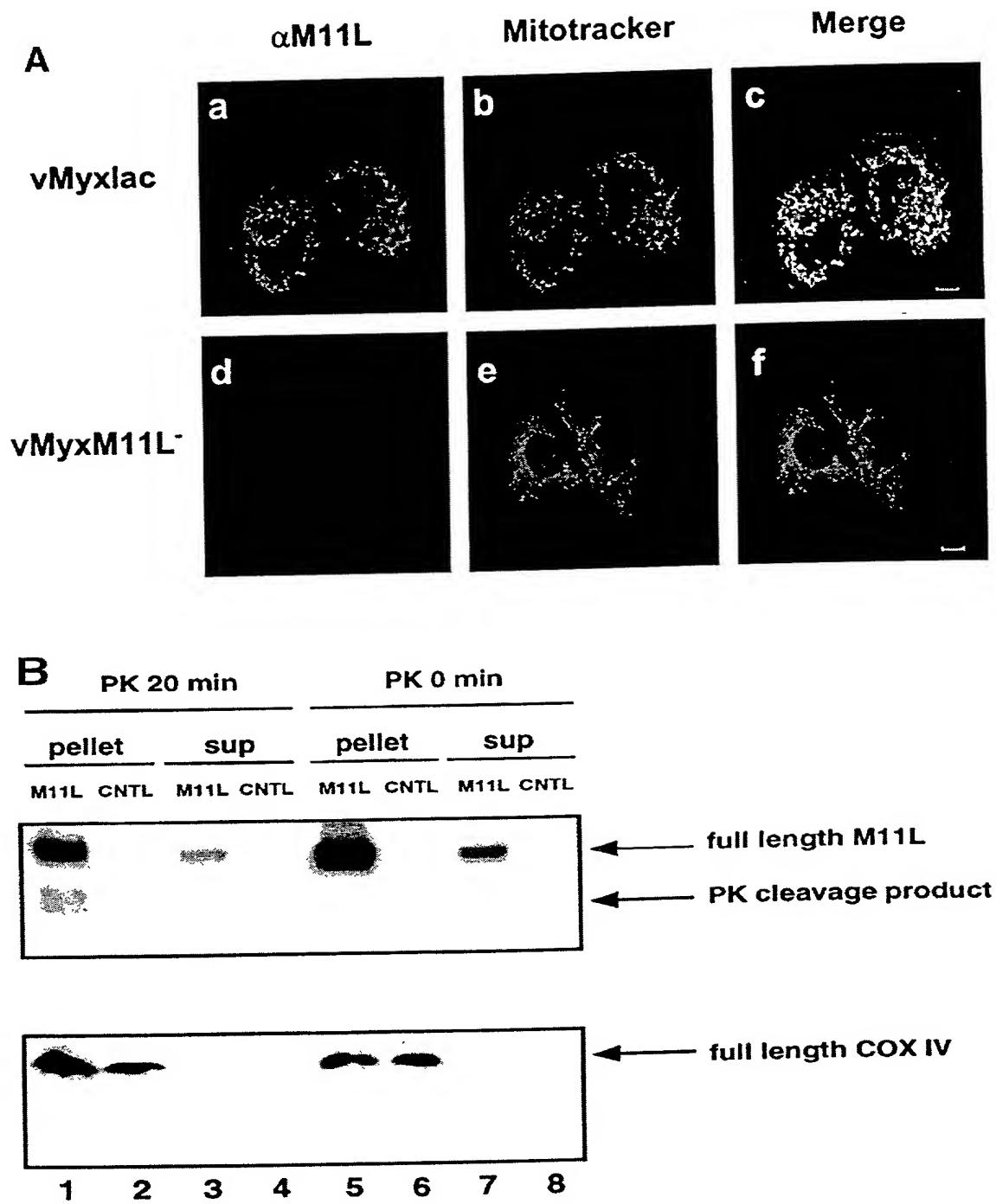


Figure 2



**Figure 3**

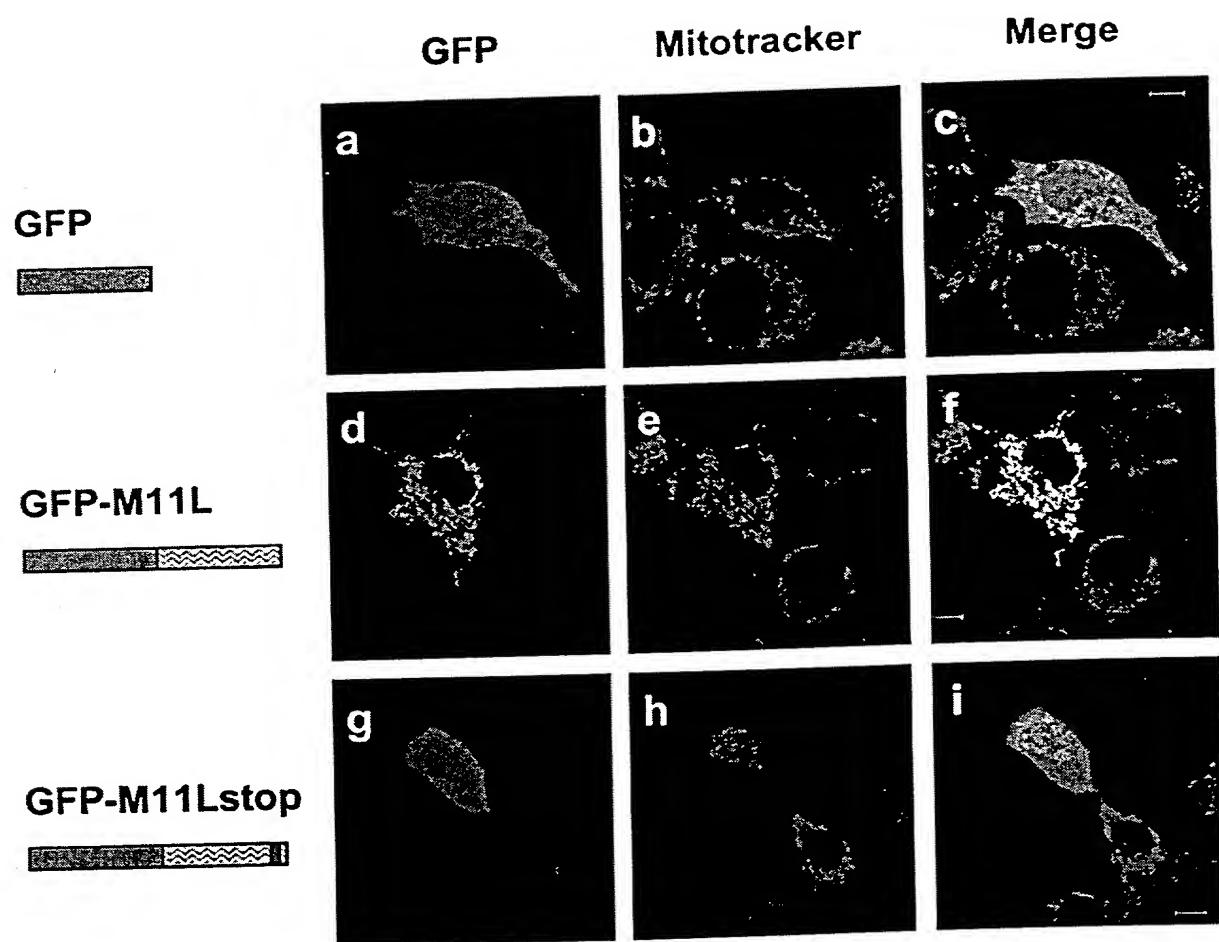
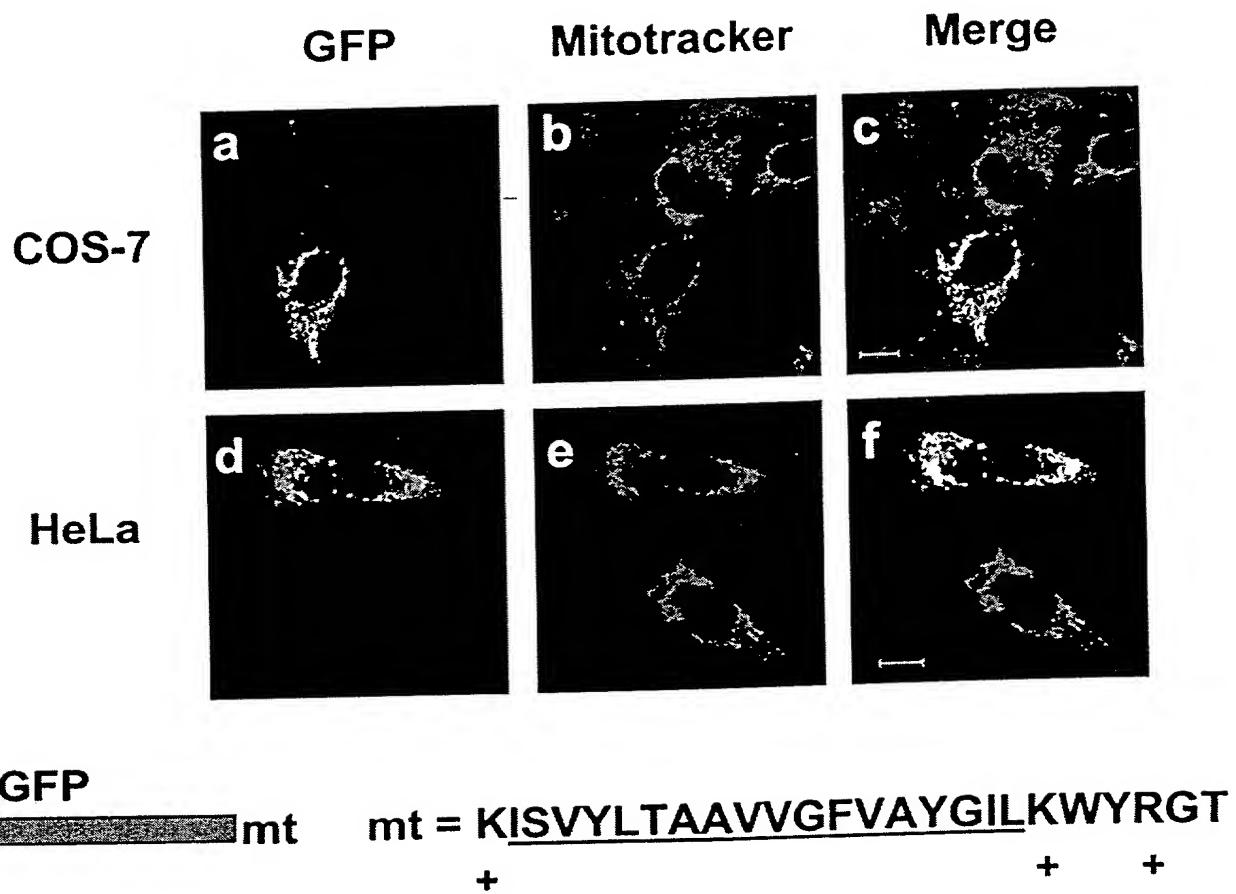


Figure 4



**Figure 5**

				domain is a mitochondrial targeting signal	domain is required for function
M11L	X	ISVYLTAAVVGFVAYGIL	K WYRGT	Y	Y
Bcl-2	X	TLLSLALVGACITLGAYLS	H K	Y	Y/N
Bcl-X <sub>L</sub>	R	WFLTGMTVAGVVLLGSLFS	R K	Y	Y/N
Boo/Diva	R	LLIQAFLSGFFATAIFFIW	K RL	?	?
CED-9	R	WSMIGAGVTAGAIGIVGVVVCG	R MMFSLX	?	?
BHRE-1	R	FSWTLFLAGLTLSSLVICSYLFIS	R GRH	Y	Y
KSbcl-2	R	MTALLGSIALLATILAAVAMS	R R	?	?
Nip3	X	VFLPSLLLSHLLAIGLGIYIG	R RLTTSTSTF	Y	Y
Nix	X	VFIPSLFLSHVLALGLGIYIG	X RLSTPSA	Y	Y
positive charge		18-24 aa putative membrane-spanning domain		positive charge positive tail	

**Figure 6**

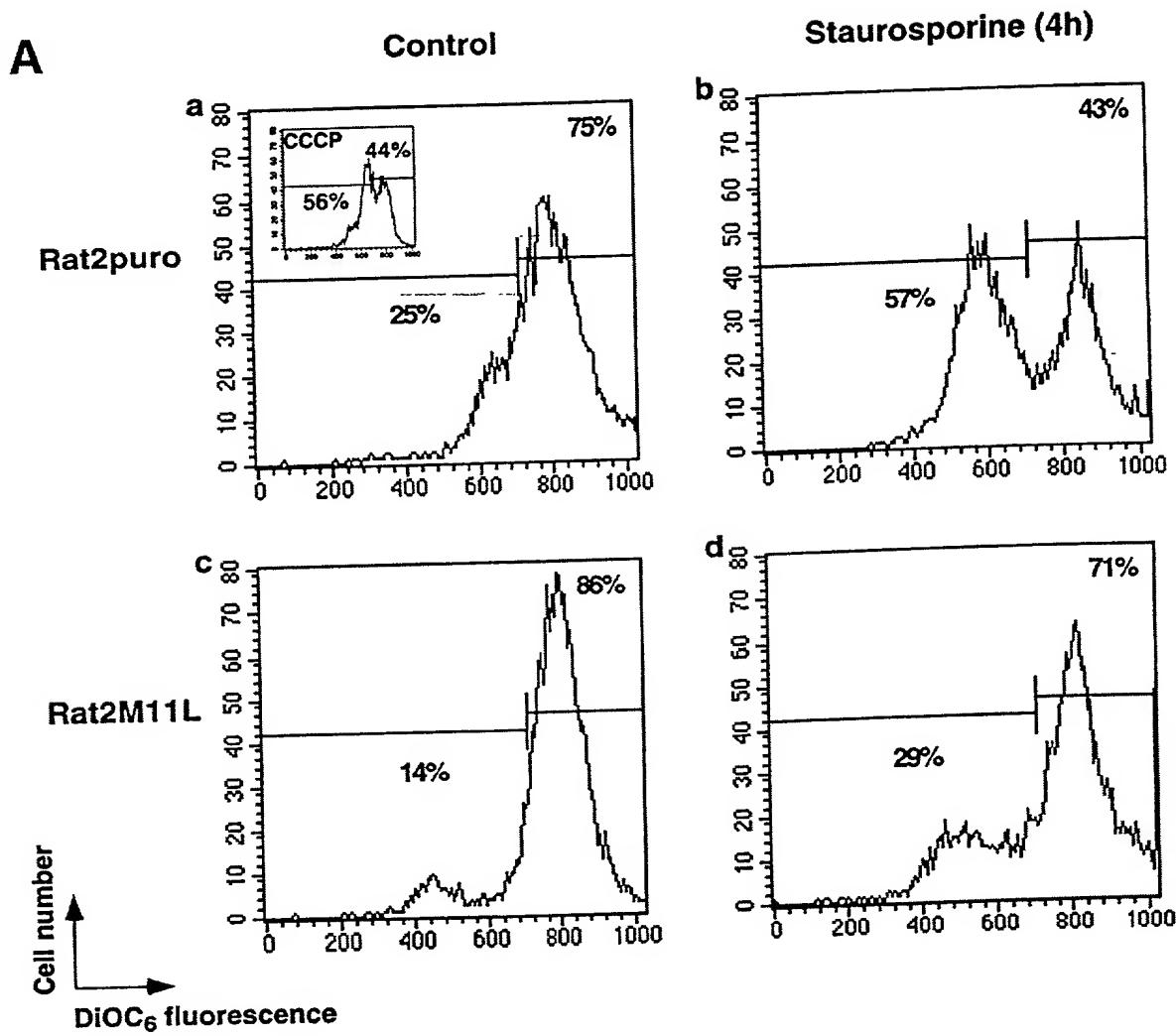


Figure 6 (con't)

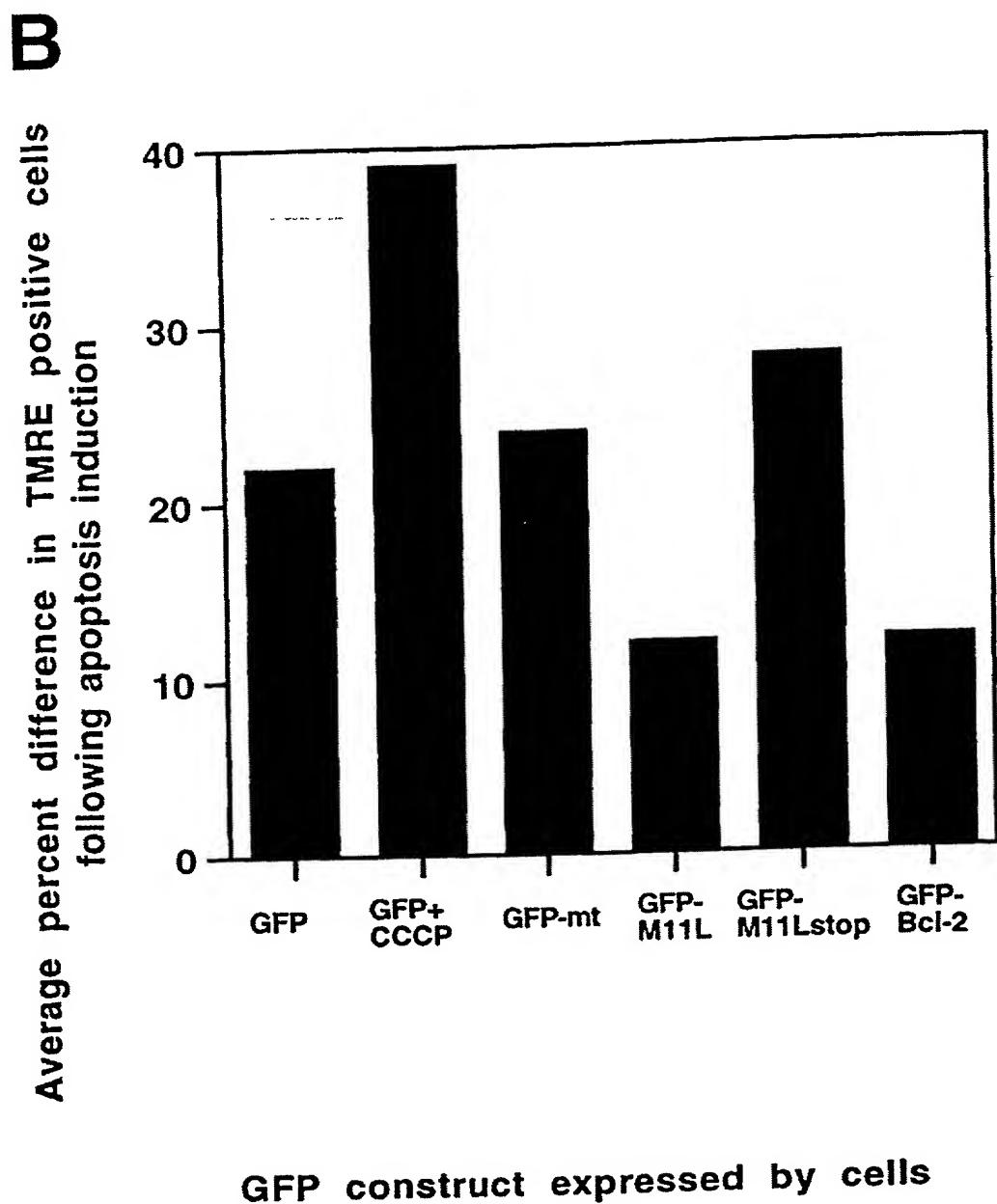
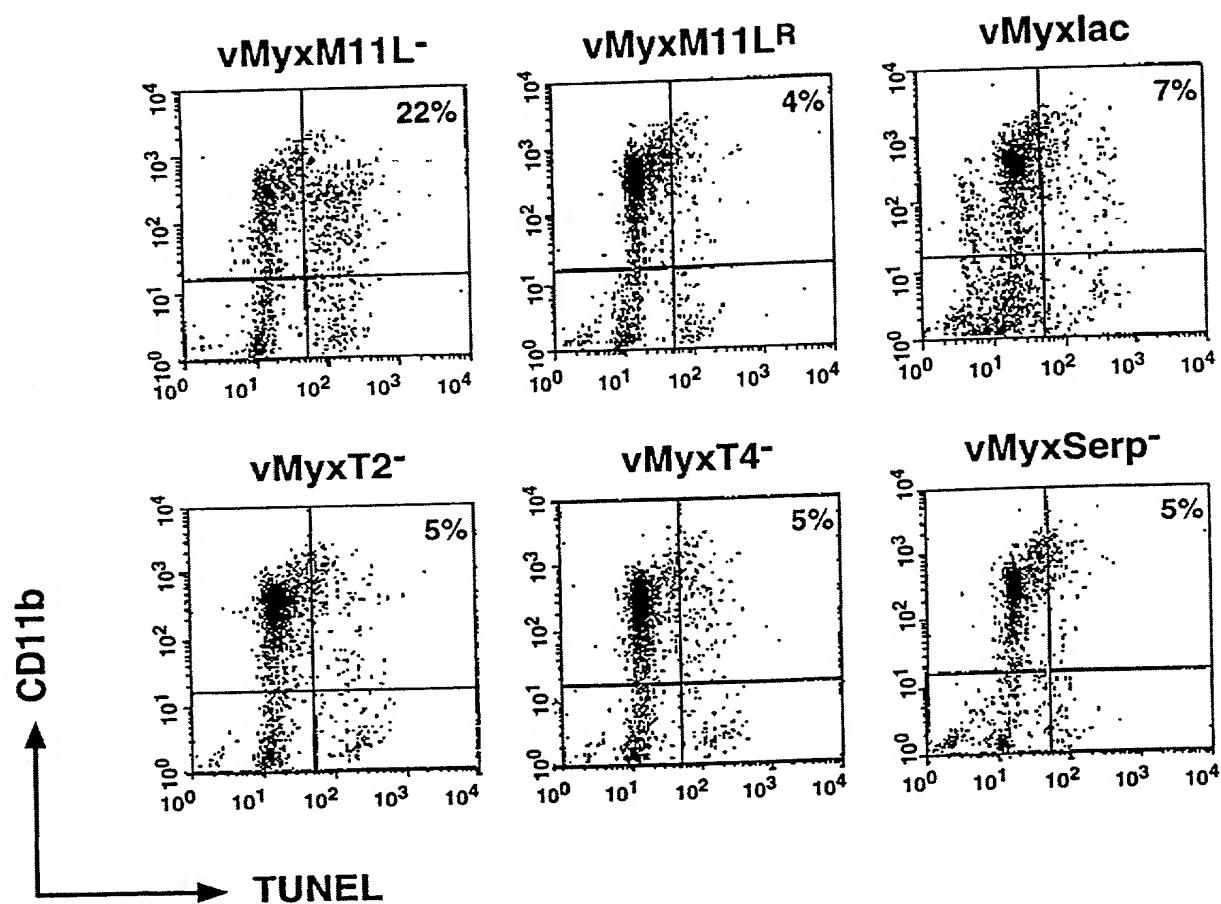


Figure 7



## Process to Identify M11L-interacting Proteins

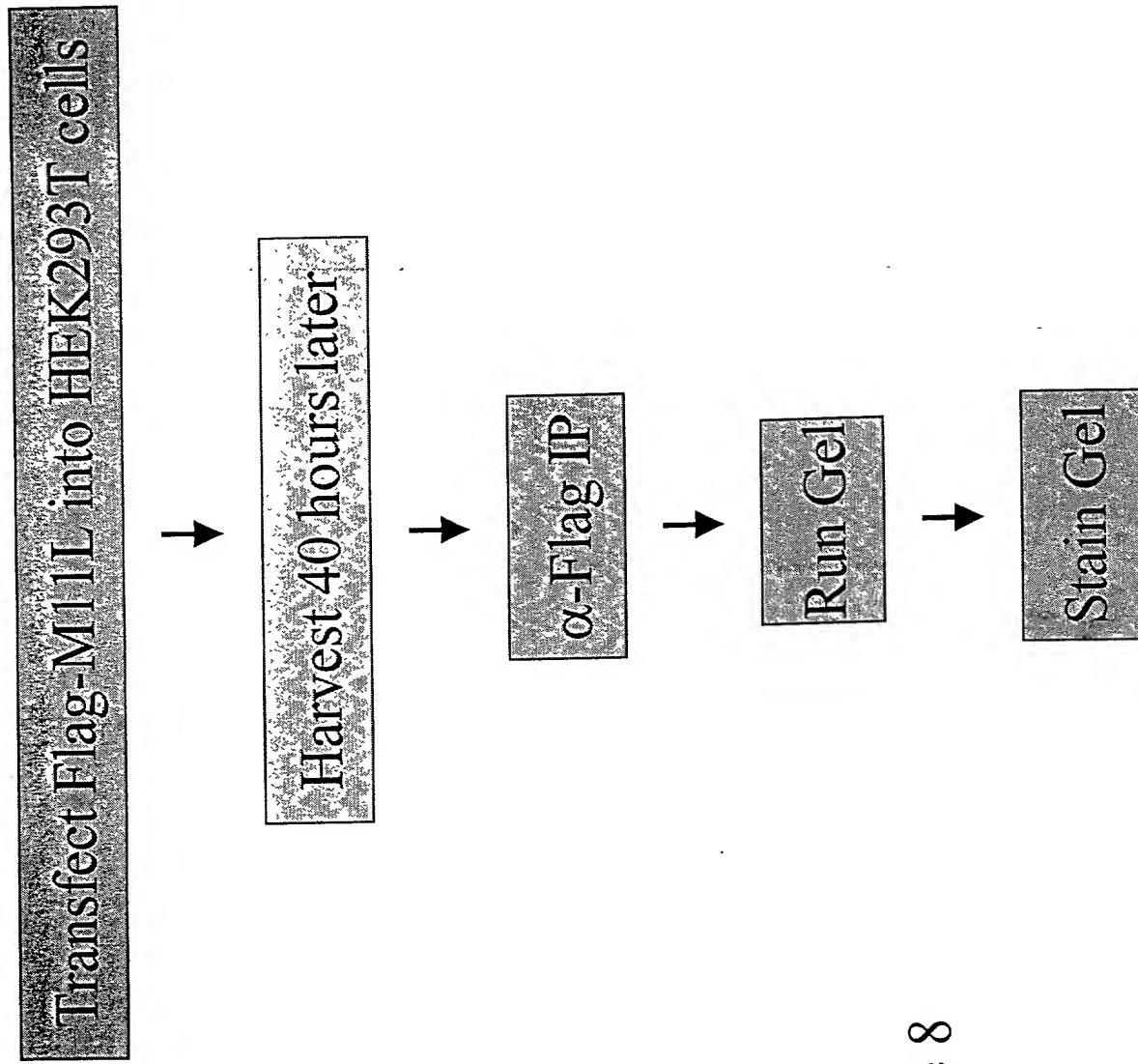


Figure 8

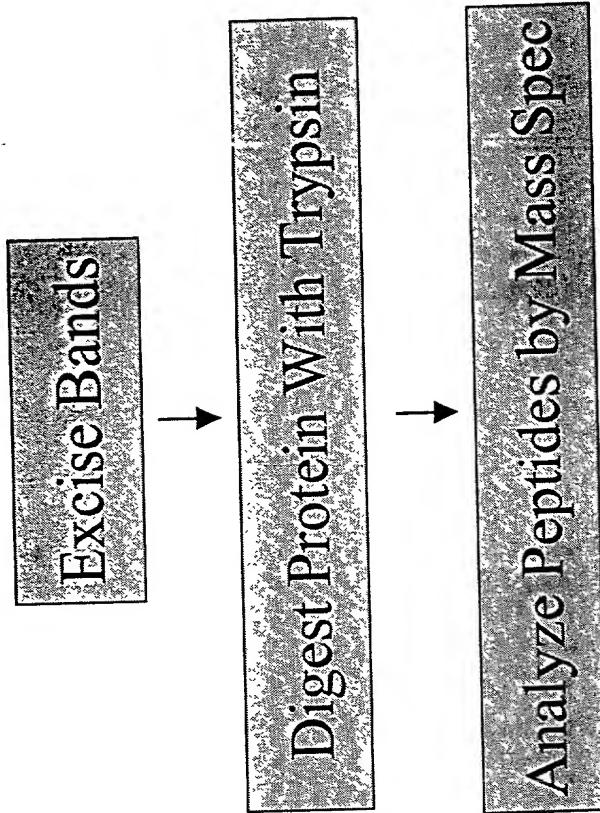


Figure 9

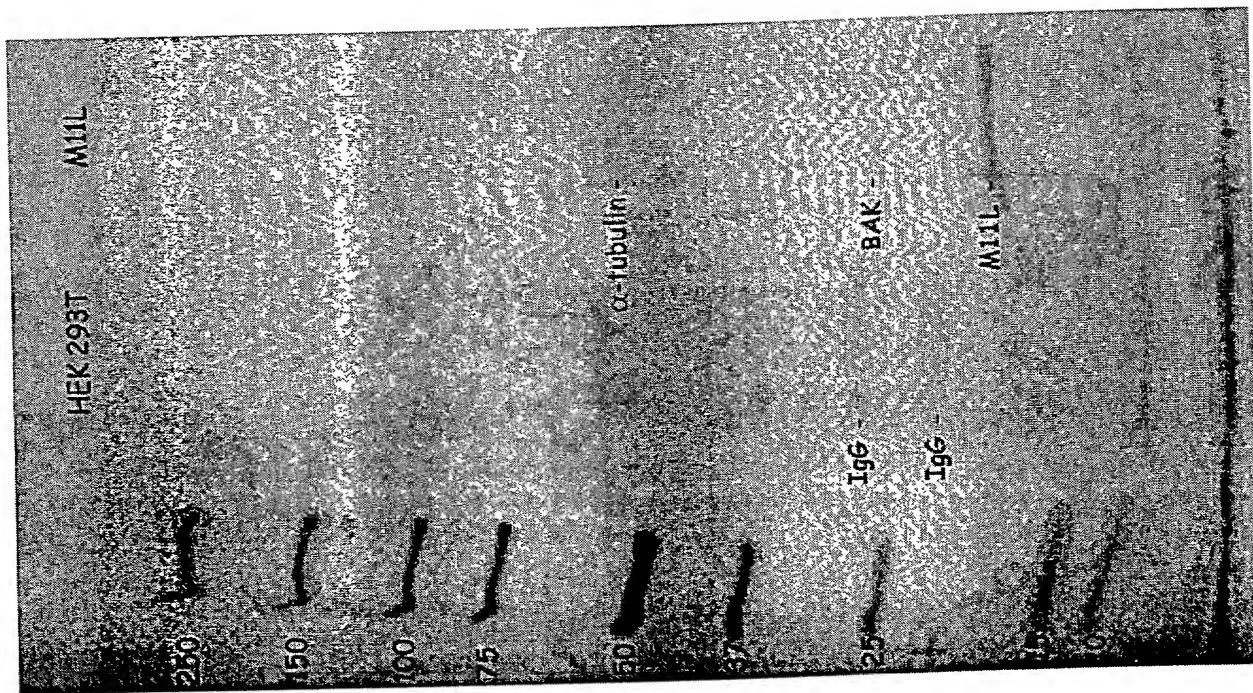
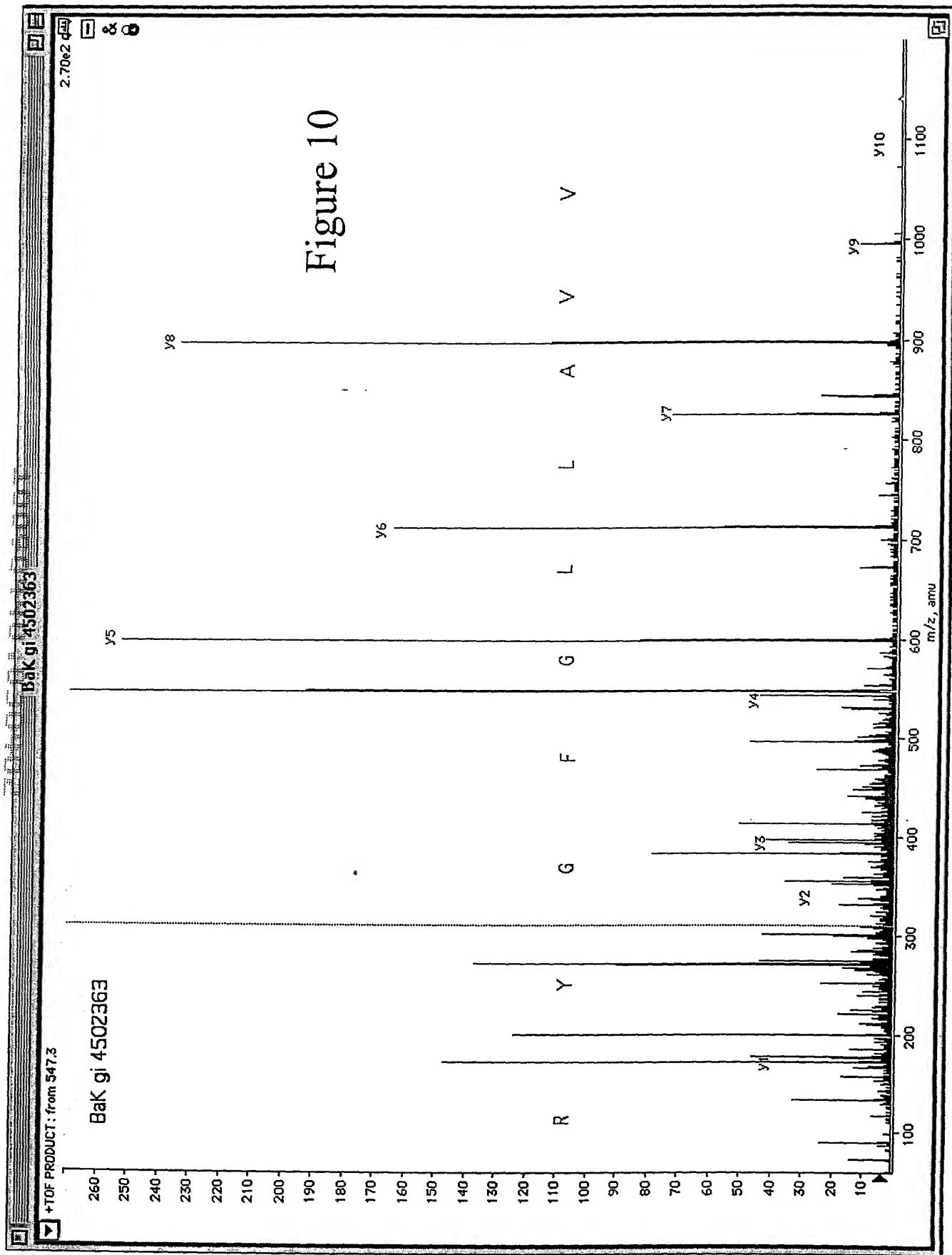


Figure 10



Bak, a Bcl2 family member, was identified  
by Mass Spec

MASGQGPGRPPRQECGEPALPSASEEEQVAQD  
TEEVFRSYVFYRHQQEQAEGVAAAPADPEM  
VTLPLQPSSTMGQVGR**QLAIIGDDINRRYD**  
SEFQTMLQHQLQPTAENAYEYFTKIA**TSLFE**  
**SGINWGRVWALLGFGYR****LALHVVYQH**  
GLTGFLGQVTRFWVDFMLHHCIARWIAQRGGWVA  
ALNLGNGPILNVLVVLGVVLLGQFVVRRFFKS

Figure 11